

-11 ON SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 26-JUN-85

 2124 268
 4-DAY CYTOTOXICITY IN HUMAN LUNG PAN-L3 CELLS AFTER
 EXPOSURE TO MAINSTREAM WHOLE SMOKE OF RESEARCH
 CIGARETTES HANSA-1, -2, -4, -6, -8, -10 AND -11

JOE MHE 26-JUN-85

 5068 500
 TOTAL PARTICULATE MATTER, CARBON MONOXIDE, NICOTINE,
 AMMONIA, AND ALDEHYDES IN MAINSTREAM AND SIDESTREAM
 SMOKE OF THE TEST CIGARETTES DJV AND MQ

WST BGE 28-JUN-85

 2126 268
 DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN
 MAINSTREAM AND SIDESTREAM DRY CONDENSATE OF CIGARETTES
 C20 AND C50

PVO - 22-JUL-85

 2127 268
 MUTAGENICITY OF MAINSTREAM WHOLE SMOKE CONDENSATE OF
 RESEARCH CIGARETTES PRESERVE-6, -7, -8, -9, -10, -11,
 -12, -13, -14, -15, -16, -17, -18 AND -19 ON SALMONELLA
 TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 08-AUG-85

 5072 500
 OPTIMIZATION OF RAT LIVER, LUNG AND HEART GLUTATHIONE,
 GLUTATHIONE PEROXIDASE, GLUTATHIONE REDUCTASE,
 GLUTATHIONE-S-TRANSFERASE AND URINARY THIOETHER ASSAYS

RWA - 20-AUG-85

 2130 268
 DIETHYLENE GLYCOL IN VARIOUS CIGARETTE BRANDS

BGE PVO 26-AUG-85

 2130 268
 DETERMINATION OF DIETHYLENEGLYCOL

BGE IJK 01-SEP-85

 3117 500
 COMPARISON OF MACROSCOPICAL AND HISTOLOGICAL EVALUATION
 OF SKIN IRRITATIONS AFTER DERMAL APPLICATION OF
 MAINSTREAM AND SIDESTREAM WHOLE SMOKE CONDENSATE OF
 STANDARD REFERENCE CIGARETTE 2R1, CONDENSATE COLLECTION
 BY IMPACTION TRAP, MOUSE STRAINS: CRL:CD1(I
 AND B6C3F1
 DKU RWA 02-SEP-85

 2131 268
 LITERATURUEBERSICHT TOXIZITAET UND METABOLISMUS VON
 DIETHYLENGLYKOL, TRIETHYLENGLYKOL, 1,2-PROPANDIOL UND

2029175705

1,3-BUTANDIOL

WRE - 03-SEP-85

2128 268
CYTOTOXICITY OF MAINSTREAM WHOLE SMOKE OF RESEARCH
CIGARETTES PRESERVE-6, -7, -8, -9, -10, -11, -12, -13,
-14, -15, -16, -17, -18 AND -19 4-DAY REPETITIVE IN
VITRO EXPOSURE STUDY USING HUMAN LUNG PAN-L3 CELLS

JOE MHE 05-SEP-85

2129 268
SCE FREQUENCY IN CHINESE HAMSTER EMBRYO LUNG V79 CELLS
AFTER EXPOSURE TO MAINSTREAM GAS/VAPOR PHASE OF
RESEARCH CIGARETTES PRESERVE-6, -7, -8, -9, -10, -11,
-12, -13, -14, -15, -17, -18 AND -19

JOE MHE 05-SEP-85

2133 268
1-DAY CYTOTOXICITY IN HUMAN LUNG PAN-L3 CELLS AFTER
EXPOSURE TO DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF RESEARCH CIGARETTES SLOW-72 AND -77

JOE MHE 12-SEP-85

2134 268
SCE FREQUENCY IN CHINESE HAMSTER EMBRYO LUNG V79 CELLS
AFTER EXPOSURE TO DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF RESEARCH CIGARETTES SLOW-72 AND -77

JOE MHE 12-SEP-85

2132 268
MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
CONDENSATE OF TEST CIGARETTES SLOW-72 AND -77 ON
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 12-SEP-85

5066 500
ESTABLISHMENT OF PRIMARY RAT TRACHEAL EPITHELIAL CELL
CULTURE TO STUDY IN VITRO MAMMALIAN CELL TRANSFORMATION

DBE - 16-SEP-85

2135 268
MUTAGENICITY OF SIDESTREAM WHOLE SMOKE CONDENSATE OF
RESEARCH CIGARETTES HANSA-1, -2, -3, -4, -6, -8, -10
AND -11 ON SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100

FTE TME 26-SEP-85

2136 268
MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
CONDENSATE OF TEST CIGARETTES HEAT-1, -2, -3 AND -4 ON
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 26-SEP-85

5074 500
21-DAY SHAM EXPOSURE STUDY WITH THE SHELF TYPE WHOLE
BODY EXPOSURE CHAMBER ON RATS

DPR - 07-OCT-85

5075 500
ESTABLISHMENT OF AN IN VITRO DNA ADDUCT FORMATION ASSAY
FOR MUTAGENS REQUIRING METABOLIC ACTIVATION

RWA - 21-OCT-85

2139 268
GAS CHROMATOGRAPHIC DETERMINATION OF NICOTINE AND
COTININE IN HUMAN PLASMA

BGE PVO 30-OCT-85

2137 268
4-DAY CYTOTOXICITY IN HUMAN LUNG PAN-L3 CELLS AFTER
EXPOSURE TO MAINSTREAM WHOLE SMOKE OF RESEARCH
CIGARETTES HEAT-1, -2, -3 AND -4

JOE MHE 07-NOV-85

2138 268
SCE FREQUENCY IN CHINESE HAMSTER EMBRYO LUNG V79 CELLS
AFTER EXPOSURE TO MAINSTREAM GAS/VAPOR PHASE OF
RESEARCH CIGARETTES HEAT-1, -2, -3 AND -4

JOE MHE 07-NOV-85

5078 500 PT
GLUTATHIONE METABOLISM AND AHM ACTIVITY IN VARIOUS
EPITHELIA OF THE RESPIRATORY TRACT FOLLOWING ACROLEIN
INHALATION

RWA - 29-NOV-85

5079 500 PT
GENOTOXICITY OF WHOLE SMOKE CONDENSATE OF STANDARD
REFERENCE CIGARETTE 2R1 IN THE SOS-CHROMOTEST

FTE - 04-DEC-85

3118 500 PT
MUTAGENICITY OF TEA INFUSIONS ON SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

FTE TME 04-DEC-85

3119 500
HAIR GROWTH IN THE DORSAL SKIN AREA AND MICROBIOLOGICAL
STATUS OF SENCAR MICE

DKU - 06-DEC-85

3120 500 PT
TUMORIGENICITY OF MAINSTREAM WHOLE SMOKE CONDENSATE OF
TEST CIGARETTES X6D3DAM, X6D3DBF AND OF STANDARD
REFERENCE CIGARETTE 2R1, 26-WEEK DERMAL APPLICATION
STUDY ON SENCAR AND CD1 MICE

2029175707

70
ATE DKU 06-DEC-85

5080 500
DETERMINATION OF CIGARETTE SMOKE PARTICLE PHASE BY FID
AND OTHER METHODS

BGE PSN 09-DEC-85

3121 500
ACUTE INHALATION STUDY WITH MAINSTREAM SMOKE OF TEST
CIGARETTE X6D7AKJ WITHOUT AND WITH ADDITIVES CR-2450
AND CR-2544 ON MICE

DPR PSN 09-DEC-85

5081 500
METABOLIC COOPERATION IN CHINESE HAMSTER EMBRYO LUNG
V79 CELLS TREATED WITH WSC-I

DBA - 07-JAN-86

5082 500
TRENNUNG VON ZIGARETTENRAUCH IN "AIRBORNE"
PARTIKELPHASE UND GAS/DAMPFPHASE (PREPARATION OF
AIRBORNE CIGARETTE SMOKE PARTICLE PHASE AND GAS/VAPOR
PHASE)

PSN - 08-JAN-86

2140 268 PT
DETERMINATION OF PESTICIDE RESIDUES

BGE - 08-JAN-86

5083 500 PT
HISTOTOPOGRAPHIE DES RESPIRATIONSTRAKTES DES SYRISCHEN
GOLDHAMSTERS UND DER RATTE

UHA - 14-JAN-86

5084 500 PT
DEVELOPMENT OF ASSAYS FOR EXO- AND ENDONUCLEASE
ACTIVITY IN MICROSOMAL FRACTIONS

RWA - 29-JAN-86

5085 500
HISTOPATHOLOGICAL CHANGES IN THE RESPIRATORY TRACT OF
RATS AFTER EXPOSURE TO ACROLEIN VAPOR

ATE - 29-JAN-86

3122 500
SKIN TUMORIGENICITY OF MAINSTREAM WHOLE SMOKE
CONDENSATE OF STANDARD REFERENCE CIGARETTE 2R1 DERMALLY
APPLIED TO MOUSE SKIN, 26-WEEK STUDY WITH SENCAR MICE

DKU ATE 03-FEB-86

3123 500
BIOLOGICAL ACTIVITY OF SIDESTREAM SMOKE OF STANDARD
REFERENCE CIGARETTE 2R1 ON RATS AND SYRIAN HAMSTERS
21-DAY INHALATION STUDY (WHOLE-BODY EXPOSURE)

2029175708

DPR WST 17-FEB-86

2136 268
MUTAGENICITY AND SIDESTREAM WHOLE SMOKE CONDENSATE OF
TEST CIGARETTES HEAT-1,-2,-3 AND -4 ON SALMONELLA
TYPHIMURIUM STRAINS TA98 AND TA100

FTE SSU 18-FEB-86

5089 500
PREPARATION OF HAMSTER FREE LUNG CELLS BY LUNG LAVAGE

RKI WGK 21-FEB-86

5088 500
MITOGEN STIMULATION OF HAMSTER PERIPHERAL BLOOD
LYMPHOCYTES

DBA GSE 21-FEB-86

5087 500
ESTABLISHMENT OF A STANDARD SECTIONING PROCEDURE OF
NASAL CAVITY, LARYNX, TRACHEA AND LUNG OF THE SYRIAN
HAMSTER

ATE - 24-FEB-86

3119 500
HAIR GROWTH IN THE DORSAL SKIN AREA AND MICROBIOLOGICAL
STATUS OF SENCAR MICE

DKU - 03-MAR-86

5091 500
FURTHER IMPROVEMENT OF THE ESTABLISHED IMMUNOASSAY FOR
THE DETERMINATION OF COTININE

GSE DBA 20-MAR-86

5093 500 PT
ESTABLISHMENT OF AN ASSAY FOR IMMUNOGLOBULIN G-MEDIATED
PHAGOCYTOSIS OF RAT FREE LUNG CELLS

RKI WGK 04-APR-86

3124 500 PT
IRRITATIVE ACTIVITY OF SIDESTREAM WHOLE SMOKE,
GAS/VAPOR PHASE, PARTICLE PHASE, AND RECOMBINED
SIDESTREAM SMOKE OF STANDARD REFERENCE CIGARETTE 2R1,
3-DAY INHALATION STUDY IN RATS

WST DPR 16-APR-86

2141 268
GAS CHROMATOGRAPHIC DETERMINATION OF NICOTINE AND
COTININE IN HUMAN PLASMA

BGE PVO 06-MAY-86

2142 268
ZUSAMMENSTELLUNG VON IN DER BUNDESREPUBLIK DEUTSCHLAND

2029175709

ZUGELASSENEN ARZNEIMITTELN MIT DEM WIRKSTOFF
PROPYLENGLYKOL

UHA - 22-MAY-86

2143 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF RESEARCH CIGARETTES HEAT-1, -2, -3, AND -4 IN
HUMAN LUNG PAN-L3 CELLS, 1-DAY CYTOTOXICITY STUDY

MHE JOE 27-MAY-86

2041 268
GAS CHROMATOGRAPHIC DETERMINATION OF NICOTINE AND
COTININE IN HUMAN PLASMA

BGE UBE 02-JUN-86

5096 500 PT
CARBON MONOXIDE, TOTAL PARTICULATE MATTER, HYDROCARBONS
IN GAS/VAPOR PHASE, NICOTINE, AMMONIA, AND SELECTED
ALDEHYDES IN SIDESTREAM WHOLE SMOKE, SIDESTREAM
GAS/VAPOR PHASE, SIDESTREAM PARTICLE PHASE, AND
RECOMBINED SIDESTREAM SMOKE OF STANDARD REFERENCE
CIGARETTE 2R1
WST PVO 04-JUN-86

5095 500
IMPROVEMENT OF THE DETERMINATION OF ORNITHINE
DECARBOXYLASE ACTIVITY

RWA - 05-JUN-86

2144 268
DETERMINATION OF RADIOACTIVE CONTAMINATION OF PLANTS

RWA - 06-JUN-86

5097 500
SPECIFIC BRONCHODILATION ASSAY ON RATS

DPR - 18-JUN-86

5098 500 PT
ESTABLISHMENT OF A CELL PREPARATION METHOD FOR
INTERSTITIAL LUNG CELLS FROM RAT

WGK RKI 27-JUN-86

2145 268
ZUSAMMENSTELLUNG VON IN DER BUNDESREPUBLIK DEUTSCHLAND
ZUGELASSENEN ARZNEIMITTELN MIT DEM WIRKSTOFF
PROPYLENGLYKOL (a) (a) NACH ZRvA, 16.
ERGAENZUNGLIEFERUNG, APR. 1986

UHA - 01-JUL-86

5099 268
EXPLORATIVE STATISTICAL ANALYSIS OF MUTAGENICITY DATA
ON WHOLE SMOKE CONDENSATES IN THE SALMONELLA REVERSE
MUTATION ASSAY

2029175710

TME WGO 04-JUL-86

2146 268
SCE FREQUENCY IN CHINESE HAMSTER EMBRYO LUNG V79 CELLS
AFTER ADMINISTRATION OF CATECHOL

MHE JOE 19-AUG-86

5100 268
UEBERPRUEFUNG DER KALIBRIERUNG UND DER WIEDERFINDUNG
FUER DIE METHODE: NICOTINE AND COTININE IN HUMAN PLASMA

BGE - 19-AUG-86

5101 268
SISTER CHROMATID EXCHANGE AND CHROMOSOME ABERRATION-
INDUCING ACTIVITIES OF THE DILUTED MAINSTREAM WHOLE
SMOKE AND SIDESTREAM WHOLE SMOKE OF THE STANDARD
REFERENCE CIGARETTE TYPE 2R1, ACUTE IN VITRO EXPOSURE
STUDY USING CHINESE HAMSTER EMBRYO LUNG V79 CEL
PROLONGED INCUBATION
MHE - 03-SEP-86

2147 268
MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
CONDENSATE OF RESEARCH CIGARETTES TEAR-1, -2, -3, -4,
-5, -6, -7, -8, AND -9 ACUTE IN VITRO EXPOSURE STUDY
USING SALMONELLA TYPHIMURIUM STRAINS TA98, TA100, AND
TA102

FTE TME 26-SEP-86

5060 500
HEADSPACE ANALYSIS OF CRUDE AND PROCESSED CONDENSATE OF
THE STANDARD REFERENCE CIGARETTE 2R1

PVO - 03-OCT-86

5022 500
ESTABLISHMENT OF AN HPLC-METHOD FOR DETERMINATION OF
NITRATE IN FILLER AND CONDENSATE AND ITS APPLICATION ON
FILLER AND CONDENSATE OF TEST CIGARETTES X6D3DAM,
X6D3DFZ, X6D3DGA, X6D3DBF, X6D3DNY, X6D4CDL, X6D4CUC,
X6D5RN AND STANDARD REFERENCE CIGARETTE 2R

KRU - 03-OCT-86

3125 500
BIOLOGICAL ACTIVITY OF SIDESTREAM SMOKE OF STANDARD
REFERENCE CIGARETTE 2R1, 21-DAY INHALATION STUDY
(NOSE-ONLY EXPOSURE) ON RATS AND SYRIAN HAMSTERS

DPR ATE 08-OCT-86

3126 500 PT
3-DAY INHALATION STUDY WITH NICOTINE, SIDESTREAM SMOKE
OF STANDARD REFERENCE CIGARETTE 2R1 AND NON-TOBACCO
CIGARETTE X6D6MW WITHOUT AND WITH ADDED NICOTINE, AND
WITH FORMALDEHYDE, ACETALDEHYDE, ACROLEIN, AND AMMONIA
ON RATS

WST DPR 13-OCT-86

2029175711

5106 500
FEASABILITY OF METHODS TO DETERMINE THE INDIVIDUAL DOSE
OF INHALED SIDESTREAM SMOKE IN RATS

GSE BGE 13-OCT-86

2148 268
CHROMOSOME ABERRATIONS IN CHINESE HAMSTER EMBRYO LUNG
V79 CELLS AFTER ADMINISTRATION OF CATECHOL

MHE JOE 14-OCT-86

5107 500
DETERMINATION OF N-NITROSAMINES IN SMOKE

KRU BGE 17-OCT-86

3127 500
BIOLOGICAL ACTIVITY OF THE SIDESTREAM SMOKE OF THE
STANDARD REFERENCE CIGARETTE 2R1 ON RATS AND SYRIAN
HAMSTERS, 90-DAY INHALATION STUDY (NOSE-ONLY EXPOSURE)
WITH A 21-DAY RECOVERY PERIOD

KHO ATE 17-OCT-86

2150 268
CYTOTOXICITY OF MAINSTREAM WHOLE SMOKE OF RESEARCH
CIGARETTES TEAR-1, -2, -3, -5, -6, -7, -8, AND -9 4-DAY
REPETITIVE IN VITRO EXPOSURE STUDY USING HUMAN PAN-L3
CELLS

JOE MHE 17-OCT-86

5108 500 PT
IN VITRO DNA STRAND BREAKING ACTIVITY OF MAINSTREAM AND
SIDESTREAM WHOLE SMOKE CONDENSATE OF TEST CIGARETTES
5RN, DAM, DFZ, DGA, DBF, DNY, CDL AND CUC AND STANDARD
REFERENCE CIGARETTE 2R1

RWA - 18-OCT-86

2151 268
CYTOTOXICITY OF THE DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF THE RESEARCH CIGARETTES TEAR-1, -2, -3,
-4, -5, -6, -7, -8, AND -9 ACUTE IN VITRO EXPOSURE
STUDY USING CHINESE HAMSTER EMBRYO LUNG V79 CELLS

JOE MHE 22-OCT-86

2153 268
SURVEY OF LD50 VALUES FOR 92 RESEARCH CIGARETTES
ASSAYED FROM MARCH 1980 TO OCTOBER 1987, 4-DAY
REPETITIVE IN VITRO EXPOSURE STUDIES USING HUMAN LUNG
PAN-L3 CELLS

JOE MHE 22-OCT-86

2152 268 PT
SCE FREQUENCY AND CHROMOSOME ABERRATION INDUCING
ACTIVITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF RESEARCH CIGARETTES TEAR-1, -2, -3, -4, -5,
-6, -7, -8, AND -9, ACUTE IN VITRO EXPOSURE STUDY USING

2029175712

75
CHINESE HAMSTER
EMBRYO LUNG V79 CELLS
JOE MHE 22-OCT-86

5105 500 PT
DETERMINATION OF RELEVANT PARAMETERS OF LOW
CONCENTRATION SIDESTREAM SMOKE - METHOD DEVELOPMENT AND
AGING CHARACTERISTICS

BGE KRU 22-OCT-86

5109 500 PT
IN VITRO DNA STRAND BREAKING ACTIVITY BY HYDROGEN
PEROXIDE, ACROLEIN, NICOTINE, BENZENE, PHENOL,
HYDROCHINONE, RESORCINOL, TPA AND THE TOBACCO-SPECIFIC
NITROSAMINES NATB, NNK AND NNN

RWA - 31-OCT-86

5102 500 PT
THE EFFECT OF A SINGLE INTRAPERITONEAL ADMINISTRATION
OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE CONDENSATE OF
THE STANDARD REFERENCE CIGARETTE 2R1 AS WELL AS OF
NICOTINE, COTININE AND BENZO(A)PYRENE ON ARYL
HYDROCARBON MONOOXYGENASE, GLUTATHIONE-S-TRANSFERASE
GLUTATHIONE REDUCTASE,
HHM RWA 31-OCT-86

5114 500
ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF
TRANS-3'-HYDROXYCOTININE

GSE PVO 08-DEC-86

5115 500
ESTABLISHMENT OF A METHOD TO DETERMINE OF
TOBACCO-SPECIFIC N-NITROSAMINES IN FILLER

KRU BGE 08-JAN-87

3128 500
DETERMINATION OF TOBACCO-SPECIFIC N-NITROSAMINES IN
FILLER

KRU BGE 15-JAN-87

5116 500
DETECTION OF DNA-ADDUCT FORMATION AND STRAND BREAKS IN
VITRO FOR MODEL CHEMICALS (ASSAY VALIDATION)

TMU - 10-FEB-87

5117 500 PT
ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF THE
PARTICLE SIZE DISTRIBUTION IN SIDESTREAM SMOKE

HSA PSN 17-FEB-87

5118 268
ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF THE
MUTAGENICITY OF WHOLE SMOKE, GAS/VAPOR PHASE AND GAS
PHASE OF STANDARD REFERENCE CIGARETTE 2R1F ON
SALMONELLA TYPHIMURIUM STRAIN TA98 - STANDARD

2029175713

APPLICATION METHOD

FTE TME 17-FEB-87

 5119 500 PT
 VERTEILUNG UND FUNKTIONELLE EIGENSCHAFTEN VON
 MAKROPHAGENSUBPOPULATIONEN IN DER RATTENLUNGE

RKI W GK 13-MAR-87

 9208 500
 SUBCHRONIC INHALATION OF ALDEHYDES ON RATS

HHM RWA 23-MAR-87

 2154 268
 MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
 CONDENSATE OF TEST CIGARETTES SIRIUS-A AND SIRIUS-B,
 ACUTE IN VITRO EXPOSURE STUDY USING SALMONELLA
 TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 15-APR-87

 3129 500
 MUTAGENICITY OF TRANS-3'-HYDROXYCOTININE ON SALMONELLA
 TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 15-APR-87

 9209 500
 UNTERSUCHUNGEN ZUR BEEINFLUSSUNG DER CHEMISCHEN
 KARZINOGENESE DURCH BRENNKAT ECHIN

ATE DPR 07-MAY-87

 2155 268
 COMPARISON OF 8 MAMMALIAN CELL CULTURE SYSTEMS TO
 ASSESS MALIGNANT CELL TRANSFORMATION BY CHEMICALS

WSL DBA 07-MAY-87

 5122 268 PT
 DETERMINATION OF FLOW PARAMETERS OF A CIGARETTE FILTER

WRE - 26-MAY-87

 9210 500
 INFLUENCES OF ANAESTHESIA ON ACUTE INHALATION TOXICITY
 STUDIES (PT)

WRE BUCH 01-JUN-87

 5123 500
 DETERMINATION OF THE LOSSES OF FORMALDEHYDE AND
 ACROLEIN AS WELL AS OF THE TIME COURSE OF THE AMMONIA
 BUILD-UP IN A WHOLE BODY EXPOSURE CHAMBER

WST BGE 02-JUN-87

 5124 500
 GRAVIMETRICAL DETERMINATION OF THE TOTAL PARTICULATE
 MATTER CONCENTRATION IN DILUTED SIDESTREAM SMOKE WITH

2029175714

DIFFERENT FILTER METHODS

PVO - 03-JUN-87

5125 500
ESTABLISHMENT OF THE ALKALINE ELUTION TECHNIQUE FOR THE
DETECTION OF DNA-PROTEIN CROSS-LINKS AND DNA
SINGLE-STRAND BREAKS INDUCED IN VIVO AND IN VITRO IN
RAT NASAL (RNE) AND TRACHEAL (RTE) EPITHELIAL CELLS

TMU DBA 10-JUN-87

2156 268
CYTOTOXICITY OF MAINSTREAM WHOLE SMOKE OF TEST
CIGARETTES SIRIUS-A AND -B, 4-DAY REPETITIVE IN VITRO
EXPOSURE STUDY USING HUMAN PAN-L3 CELLS

MHE JOE 19-JUN-87

2158 268
SISTER CHROMATID EXCHANGE AND CHROMOSOME ABERRATION-
INDUCING ACTIVITY OF DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF TEST CIGARETTES SIRIUS-A AND -B, ACUTE
IN VITRO EXPOSURE STUDY USING CHINESE HAMSTER EMBRYO
LUNG V79 CELLS

JOE MHE 19-JUN-87

2157 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF TEST THE TEST CIGARETTES SIRIUS-A AND -B,
ACUTE IN VITRO EXPOSURE STUDY USING HUMAN LUNG PAN-L3
CELLS

JOE MHE 19-JUN-87

5128 500
DEVELOPMENT OF METHODS FOR THE CULTIVATION AND
CHROMOSOMAL ANALYSIS OF NASAL AND TRACHEAL CELLS FROM
17 TO 19 WEEKS OLD SPRAGUE DAWLEY RATS

WSL DBA 19-JUN-87

3130 500
MUTAGENICITY OF 3-METHYLCATECHOL AND 4-METHYLCATECHOL
IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE - 19-JUN-87

5126 500 PT
MUTAGENICITY OF WHOLE SMOKE AND GAS/VAPOR PHASE OF
STANDARD REFERENCE CIGARETTE 2R1F ON SALMONELLA
TYPHIMURIUM STRAIN TA98

FTE - 19-JUN-87

2159 268
DETERMINATION OF COTININE IN HUMAN URINE

PVO - 29-JUN-87

5130 500
FEASIBILITY OF METHODS FOR THE EVALUATION OF THE

2029175715

TRADESCANTIA STAMEN HAIR MUTAGENICITY ASSAY

FTE - 10-JUL-87

5127 500
ESTABLISHMENT OF A GAMMA SPECTROMETRIC MONITORING
METHOD

HSA PVO 10-JUL-87

5129 500
DEVELOPMENT OF A METHOD FOR THE GAS CHROMATOGRAPHICAL
DETERMINATION OF NICOTINE AND COTININE IN URINE

PVO - 15-JUL-87

5131 500
INFLUENCES OF ANESTHESIA ON ACUTE INHALATION TOXICITY
STUDIES

WRE - 16-JUL-87

5132 500
IN VITRO CULTURE OF RAT PULMONARY MACROPHAGES FOR
SISTER CHROMATID EXCHANGE ANALYSIS

DBA - 29-JUL-87

5133 500 PT
GROWTH OF CELLS ON FILTER SUPPORTS

WSL DBA 30-JUL-87

9215 500
BIOLOGICAL ACTIVITY OF CIGARETTE SMOKE CONDENSATE OF 3
TEST CIGARETTES A, B AND C: 26-WEEK DERMAL APPLICATION
ON SENCAR MICE

MKA ATE 31-JUL-87

9216 500
BIOLOGICAL ACTIVITY OF INHALED MAINSTREAM CIGARETTE SMO
KE OF 3 TEST CIGARETTES A, B AND C: 90-DAY
NOSE-/HEAD-ONLY INHALATION STUDY

BGE DPR 31-JUL-87

5135 500 PT
CHARACTERIZATION OF LIVER SUBCELLULAR FRACTIONS FROM
RAT, CATTLE, SHEEP, AND SWINE AS METABOLIC ACTIVATION
SYSTEMS FOR IN VITRO MUTAGENICITY ASSAYS

TMU HHM 07-AUG-87

5136 500
CROSSREACTIVITY OF ANTICOTININE ANTISERUM WITH VARIOUS
NICOTINE METABOLITES

GSE - 17-AUG-87

9217 500
BIOKINETICS AND METABOLISM OF NICOTINE IN RATS AND
HAMSTERS

2029175716

GSE HHM 10-SEP-87

2160 268
ON THE INFLUENCE OF HUMECTANTS ON THE COMPOSITION AND
ON THE BIOLOGICAL ACTIVITY OF SMOKE

WRE - 11-SEP-87

3132 500
BIOLOGICAL ACTIVITY OF THE INHALED MAINSTREAM SMOKE OF
THE RESEARCH CIGARETTES X6D7EDL, X6D7EDM, AND X6D7EDN,
90-DAY NOSE-/HEAD-ONLY INHALATION STUDY ON RATS

BGE DPR 23-SEP-87

3131 500 PT
BIOLOGICAL ACTIVITY OF CIGARETTE SMOKE CONDENSATE OF
TEST CIGARETTES X6D7EDL, X6D7EDM, AND X6D7EDN, 26-WEEK
DERMAL APPLICATION ON SENCAR MICE

ATE - 23-SEP-87

5138 268
MUTAGENICITY OF ACROLEIN, SINGLE IN VITRO EXPOSURE
STUDY USING SALMONELLA TYPHIMURIUM STRAIN TA102

FTE - 28-SEP-87

3133 500 PT
CARCINOGENICITY OF CATECHOL IN THE 2-STAGE SKIN
CARCINOGENESIS MODEL, 80-WEEK DERMAL APPLICATION STUDY
ON CD1 MICE

ATE DPR 29-SEP-87

3134 500 PT
TOXICITY OF FORMALDEHYDE AND ACROLEIN, SEPARATELY OR IN
COMBINATION, 90-DAY INHALATION STUDY ON RATS

HHM WSL 29-SEP-87

3135 500 PT
BIOLOGICAL ACTIVITY OF CIGARETTE SMOKE CONDENSATE OF
STANDARD REFERENCE CIGARETTE 2R1, 26-WEEK DERMAL
APPLICATION ON SENCAR MICE

ATE - 30-SEP-87

5143 500 PT
ESTABLISHMENT OF THE TRADESCANTIA STAMEN HAIR ASSAY AND
THE TRADESCANTIA MICRONUCLEUS ASSAY

FTE TME 01-OCT-87

5140 268
CYTOTOXICITY OF ACROLEIN, 4-DAY REPETITIVE IN VITRO
EXPOSURE STUDY USING HUMAN LUNG PAN-L3 CELLS

JOE MHE 01-OCT-87

5139 500 PT

2029175717

ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF
NADPH-CYTOCHROME C-OXIDOREDUCTASE IN MICROSOMAL
FRACTIONS

HHM GSE 01-OCT-87

5141 500
THE INFLUENCE OF THE STORAGE TEMPERATURE AND DURATION
ON THE BIOLOGICAL ACTIVITY OF CIGARETTE SMOKE
CONDENSATE

MKA - 02-OCT-87

5142 268 PT
DETERMINATION OF NICOTINE AND COTININE IN PLASMA
(METHOD DEVELOPMENT)

PVO - 06-OCT-87

2161 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF THE TEST CIGARETTES ORION-75, -83, -87, AND
-89, ACUTE IN VITRO EXPOSURE STUDY USING CHINESE
HAMSTER EMRYO LUNG V79 CELLS

MHE JOE 06-OCT-87

2162 268
MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
CONDENSATES OF TEST CIGARETTES ORION-75, -83, -85, -87,
AND -89 ON SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100

TME FTE 06-OCT-87

5145 500 PT
CARBON MONOXIDE-HAEMOGLOBIN EQUILIBRATIONS AND
ESTIMATION OF INHALED DOSE OF SMOKE

WRE - 25-NOV-87

2163 268
DETERMINATION OF N-NITROSAMINES IN MAINSTREAM SMOKE OF
VARIOUS COMMERCIAL CIGARETTES

KRU BGE 03-DEC-87

5147 500 PT
ESTABLISHMENT OF FLOW CYTOMETRIC DIFFERENTIATION OF RAT
TRACHEAL AND BRONCHIAL EPITHELIAL CELL SUBPOPULATIONS

KHO RKI 14-DEC-87

5146 500 PT
INSTALLATION AND TESTING OF AN AEROSOL GENERATOR FOR
INHALABLE GLYCEROL-WATER-PARTICLES

HSA - 14-DEC-87

3136 500
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE
SIGMA SMOKING ARTICLE AND THE STANDARD REFERENCE 1R4F,

2029175718

21-DAY RANGE-FINDING INHALATION STUDY ON RATS

PSN WST 16-DEC-87

3137 500
GAMMASPECTROMETRIC ANALYSES

HSA PVO 05-JAN-88

5148 500 PT
CRITICAL REVIEW, OPTIMIZATION AND DEFINITION OF THE
PROTOCOL FOR THE 'DNA CONFORMATION ASSAY'

IPO TMU 12-JAN-88

5152 500
NICOTINE CONCENTRATION OF TOMATOES

PVO - 02-FEB-88

5149 500 PT
ESTABLISHMENT OF AN HPLC-METHOD FOR THE SEPARATION OF
VARIOUS NICOTINE METABOLITES

KRU GSE 02-FEB-88

2164 268
DETERMINATION OF NICOTINE AND COTININE IN HUMAN BLOOD
PLASMA

BGE KRU 08-FEB-88

9219 500
FRUEHERKENNUNG EINER REAKTIVEN PROLIFERATION IM ATEMTRA
KT MITTELS DURCHFLUSSZYTOMETRIE UND BILDANALYSE (PT)

ERO RKI 09-FEB-88

5153 500
DEVELOPMENT OF A MICROASSAY FOR THE DETERMINATION OF
PROTEIN BY THE METHOD OF LOWRY

GSE HHM 22-FEB-88

5154 500 PT
ESTABLISHMENT OF DIRECT MEASUREMENT OF CELL NUMBER
USING COMPUTER AIDED VIDEO MICROSCOPY

KHO WSL 08-MAR-88

5155 500
DETERMINATION OF RESPIRATORY PARAMETERS IN UNTREATED
RATS

DPR - 08-MAR-88

2165 268
EFFECTS OF VARIOUS PUFF VOLUMES, PUFF DURATIONS, AND
PUFF INTERVALS ON TAR, NICOTINE, TPM, AND WATER
DELIVERIES, AND ON THE NUMBER OF PUFFS OF 4 COMMERCIAL
CIGARETTES

2029175719

JOE MHE 09-MAR-88

5156 500 PT
ESTABLISHMENT OF THE CHICK EMBRYO SKIN INVASION ASSAY

WSL DBA 15-MAR-88

5157 500
CYTOTOXIC AND GENOTOXIC ACTIVITIES OF FORMALDEHYDE AND
ACROLEIN, ACUTE IN VITRO EXPOSURE OF PRIMARY RNE AND
RTE CELLS CELLS

DBA WSL 15-MAR-88

5158 500
GENERATION OF RESPIRABLE AEROSOLS FROM AQUEOUS
SOLUTIONS OF GLYCEROL AND OTHER OSMOTICALLY ACTIVE
SUBSTANCES

DPR PSN 16-MAR-88

5159 500
ESTABLISHMENT OF THE MICROSUSPENSION ASSAY, A
MODIFICATION OF THE AMES ASSAY

TME FTE 16-MAR-88

9221 500
BASIC RESEARCH STUDY ON THE BIOLOGICAL ACTIVITY OF GLYC
EROL, SORBITOL, AND SODIUM CHLORID E, 21-DAY INHALATION
STUDY ON RATS

DPR WST 18-MAR-88

5160 500
CELL PROLIFERATION IN THE RESPIRATORY TRACT OF THE RAT
AFTER ACUTE INHALATION OF FORMALDEHYDE AND ACROLEIN
MEASURED BY FLOW CYTOMETRY

ERO - 08-APR-88

5162 500 PT
IN VITRO GENOTOXICITY OF FORMALDEHYDE AND ACROLEIN ON
PRIMARY CULTURES OF RAT TRACHEA (RTE) CELLS AND RAT
NASAL EPITHELIAL (RNE) CELLS AS DETERMINED BY ALKALINE
ELUTION ANALYSIS

TMU DBA 11-APR-88

5163 500
SELECTION OF TOBACCO CELLS ACCORDING TO THEIR Cd
ACCUMULATION ACTIVITY

RKI - 18-APR-88

2149 268
CYTOTOXICITY OF THE DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF THE TEST CIGARETTE TYPES ORION-97, -99,
-101, -103, AND -105, ACUTE IN VITRO EXPOSURE STUDY
USING CHINESE HAMSTER EMBRYO LUNG V79 CELLS

MHE JOE 20-APR-88

2029175720

5164 500 PT
INFLUENCE OF VARIOUS VENTILATING CONDITIONS DURING
MACHINE SMOKING ON THE PUFF NUMBER AND THE BURNING RATE

KRU PSN 20-APR-88

5165 500
SUITABILITY OF DICHLOROFLUORESCIN DIACETATE AND
HYDROETHIDINE FOR MONITORING THE RESPIRATORY BURST OF
RAT ALVEOLAR MACROPHAGES

RKI W GK 22-APR-88

5166 500
DIE FRAGMENTIERUNG VON DESOXYRIBONUKLEINSAEUREN DURCH
METALLPROTEINE

TMU - 27-APR-88

2166 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE TEST CIGARETTES ORION-97, -99,
-101, -103, AND -105 IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

TME FTE 05-MAY-88

5167 500 PT
VALIDATION OF THE DNA CONFORMATION ASSAY

IPO TMU 18-MAY-88

5168 500
DISTRIBUTION OF PROPANE GAS AND AN AEROSOL OF MIGLYOL
IN THE PROTOTYPE OF AN OCTAGONAL HEAD-ONLY INHALATION
CHAMBER

WST DPR 26-MAY-88

5169 500 PT
DEVELOPMENT OF A VIABILITY ASSAY BY IMAGE ANALYSIS

KHO RKI 30-MAY-88

2167 268 PT
DETERMINATION OF GAMMA RAY ACTIVITY

PVO HSA 16-JUN-88

5170 500 PT
BIOLOGICAL EFFECTS OF THE ORAL ADMINISTRATION OF
L-BUTHIONINE-S,R-SULFOXIMINE AND PARTIAL DIET
RESTRICTION AND TUBE RESTRAINT, 14-DAY STUDY ON RATS

HHM DKU 27-JUN-88

2168 268
DETERMINATION OF CATECHOL AND POLYCYCLIC AROMATIC
HYDROCARBONS IN THE MAINSTREAM SMOKE OF VARIOUS
CIGARETTES

PVO KRU 01-JUL-88

2169 268 PT
DISTILLATION PROCESS IN CIGARETTES AND THE TRANSFER
EFFICIENCY OF VOLATILE ADDITIVES

WRE - 19-JUL-88

3141 500 PT
DNA STRAND BREAKING ACTIVITY OF THE SIDESTREAM WHOLE
SMOKE OF THE TEST CIGARETTES 11, 12, 14, AND 13 AND THE
STANDARD REFERENCE 2R1 AS DETERMINED BY ALKALINE
ELUTION, ACUTE IN VITRO EXPOSURE STUDY USING CHINESE
HAMSTER
EMBRYO LUNG V79 CELLS
TMU HHM 25-JUL-88

3143 500 PT
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE TEST CIGARETTES 11, 12, 14,
AND 13 AND THE STANDARD REFERENCE CIGARETTE 2R1 AS
DETERMINED IN THE MICROSUSPENSION ASSAY USING THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 25-JUL-88

3140 500 PT
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE TEST CIGARETTES 11, 12, 14,
AND 13 AND THE STANDARD REFERENCE CIGARETTE 2R1 AS
DETERMINED IN THE PLATE INCORPORATION ASSAY USING THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 25-JUL-88

3142 500 PT
DNA STRAND BREAKING ACTIVITY OF THE SIDESTREAM WHOLE
SMOKE CONDENSATE OF THE TEST CIGARETTES 11, 12, 14, AND
AND 13 AND THE STANDARD REFERENCE CIGARETTE 2R1 AS
DETERMINED BY CONVERSION OF DNA CONFORMATION, IN VITRO
EXPOSURE STUDY USING PLASMID pBR322

TMU HHM 25-JUL-88

3139 500 PT
SISTER CHROMATID EXCHANGE AND CHROMOSOME ABERRATION
INDUCING ACTIVITIES OF THE SIDESTREAM WHOLE SMOKE OF
THE TEST CIGARETTE TYPES 11, 12, 14, AND 13, AND THE
STANDARD REFERENCE CIGARETTE TYPE 2R1, ACUTE IN VITRO
EXPOSURE STUDY USING CHINESE HAMSTER
EMBRYO LUNG V79 CELLS
JOE MHE 25-JUL-88

3138 500
CYTOTOXICITY OF THE SIDESTREAM WHOLE SMOKE OF THE TEST
CIGARETTE TYPES 11, 12, 14, AND 13 AND THE STANDARD
REFERENCE CIGARETTE TYPE 2R1, ACUTE IN VITRO EXPOSURE
STUDY USING CHINESE HAMSTER EMBRYO LUNG V79 CELLS

JOE MHE 25-JUL-88

2170 268 PT
CHEMICAL ANALYSIS OF THE FILLER, MAINSTREAM WHOLE

2029175722

SMOKE, MAINSTREAM WHOLE SMOKE, DILUTED MAINSTREAM AND
SIDESTREAM WHOLE SMOKE, MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATE OF THE TEST CIGARETTES 11, 12, 13, AND
14 AND VARIOUS REFERENCE CIGARETTES, AN
CULTURE MEDIUM EXPOSED TO THE DILUTED MAINSTREAM AND ..
KRU PVO 15-AUG-88

5144 500
BESTIMMUNG VON NICOTINE IM FILLER

PVO - 15-AUG-88

5171 268
INFLUENCE OF PUFFWISE AND CONTINUOUS FLOW EXPOSURE ON
THE RESULTS OF THE ACUTE CYTOTOXICITY ASSAY

MHE JOE 25-AUG-88

5172 500 PT
ESTABLISHMENT OF A METHOD TO DETERMINE NITROARENE
CONCENTRATIONS IN WHOLE SMOKE PARTICLE PHASE AND
IMPACTION TRAP CONDENSATE

KRU PVO 30-AUG-88

5173 500
CHARACTERISATION OF A METABOLIC ACTIVATION SYSTEM USED
FOR THE SALMONELLA REVERSE MUTATION ASSAY

HHM FTE 01-SEP-88

5174 500
INFLUENCE OF OSMOTIC PRESSURE ON THE SIZE, VIABILITY
AND FUNCTIONAL ACTIVITY OF RAT ALVEOLAR MACROPHAGES IN
VITRO

RKI WGK 05-SEP-88

2171 268
DETERMINATION OF TOBACCO-SPECIFIC N-NITROSAMINES IN THE
MAINSTREAM SMOKE OF 14 TEST CIGARETTES AND REFERENCE
CIGARETTE C20

KRU - 09-SEP-88

5176 500 PT
COMPARATIVE IN VITRO STUDY OF THE SUSCEPTIBILITIES OF
RAT ALVEOLAR MACROPHAGES AND A MACROPHAGE-LIKE MOUSE
CELL LINE TO CYTOTOXIC AGENTS

WGK RKI 23-SEP-88

5177 500 PT
MUTAGENIC ACTIVITY IN THE URINE OF RATS AFTER
INTRAPERITONEAL ADMINISTRATION OF ACROLEIN

FTE TME 23-SEP-88

3144 500
BASIC RESEARCH STUDY ON THE BIOLOGICAL ACTIVITY OF
GLYCEROL AEROSOLS WITH DIFFERENT WATER CONCENTRATIONS:
3-WEEK INHALATION STUDY ON RATS

ATE - 28-SEP-88

2172 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE RESEARCH CIGARETTES AREUSE-OB,
-28, AND -31 IN THE SALMONELLA TYPHIMURIUM STRAINS TA98
AND TA100

FTE TME 04-OCT-88

2173 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF THE RESEARCH CIGARETTE TYPES AREUSE-OB, -31,
-28, AND -45, ACUTE IN VITRO EXPOSURE STUDY USING
CHINESE HAMSTER EMBRYO LUNG V79 CELLS

MHE JOE 08-NOV-88

5178 500
THE USE OF DEOXYCYTIDINE IN CULTURES OF PRIMARY RNE AND
RTE CELLS FOR SCE ANALYSIS

DBA WSL 08-NOV-88

2174 268
MUTAGENICITY OF MAINSTREAM AND SIDESTREAM WHOLE SMOKE
CONDENSATES OF RESEARCH CIGARETTES PLEIADE-5, -6, -7,
AND -8 ON SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 08-NOV-88

5179 500 PT
ARYL HYDROCARBON MONOOXYGENASE INDUCTION IN THE
RESPIRATORY TRACT, THE LIVER, THE KIDNEYS, AND THE
EPIDERMIS BY AROCLOR 1254, IN VITRO DETERMINATIONS WITH
RAT MICROSOMAL FRACTIONS

HHM - 09-NOV-88

2175 268
CYTOTOXICITY OF THE DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF THE RESEARCH CIGARETTE TYPES PLEIADE-5,
-6, -7, AND -8, ACUTE IN VITRO EXPOSURE STUDY USING
CHINESE HAMSTER EMBRYO LUNG V79 CELLS

MHE JOE 17-NOV-88

5180 500
DNA SINGLE-STRAND BREAKS AND DNA-PROTEIN CROSS-LINKS IN
THE RAT NASAL EPITHELIUM INDUCED BY 8-HOUR FORMALDEHYDE
INHALATION

TMU HHM 21-NOV-88

3145 500 PT
BIOLOGICAL ACTIVITY OF FORMALDEHYDE AND ACROLEIN,
SEPARATELY OR IN COMBINATION, 90-DAY INHALATION STUDY
ON RATS

MKA WST 16-JAN-89

5182 500 PT

2029175724

ESTABLISHMENT OF METHODS TO DETERMINE NITRATE,
N-NITROSAMINES, AND POLYCYCLIC AROMATIC HYDROCARBONS IN
WHOLE SMOKE CONDENSATE SUSPENDED IN DIMETHYLSULFOXIDE

KRU PVO 17-JAN-89

5184 500
INFLUENCE OF STORAGE ON THE IN VITRO PROLIFERATION OF
RNE CELLS

DBA WSL 16-FEB-89

2177 268
CYTOTOXICITY OF THE DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF THE RESEARCH CIGARETTE TYPES PLEIADE-12,
-13, -14, AND -15, ACUTE IN VITRO EXPOSURE STUDY USING
CHINESE HAMSTER EMBRYO LUNG V79 CELLS

MHE JOE 16-FEB-89

2176 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE RESEARCH CIGARETTES
PLEIADE-12, -13, -14, AND -15 IN THE SALMONELLA
TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 16-FEB-89

3146.021 500
NICOTINE ADMINISTRATION VIA THE DRINKING LIQUID
(AUSTESTEN DER TOLERIERBAREN NICOTINDOSIS MIT DEM
TRINKWASSER SOWIE SAMMELN DES URINS)

GSE HHM 13-MAR-89

3146 500 PT
BIOKINETICS AND METABOLISM OF NICOTINE IN RATS AND
HAMSTERS

GSE HHM 13-MAR-89

3146.006 500
TRAINING DER INTRAVENOESEN APPLIKATION IN DIE
SCHWANZVENE DER RATTE MITTELS DOSIERPUMPE

GSE HHM 13-MAR-89

3146.003 500
BESTIMMUNG DES ENANTIOMERENUEBERSCHUSSES EINER PROBE
VON S(-)-NICOTIN

GSE HHM 13-MAR-89

2178 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE RESEARCH CIGARETTES AREUSE-OB,
-31, AND -45 IN THE SALMONELLA TYPHIMURIUM STRAINS TA98
AND TA100

FTE TME 05-APR-89

3147 500 PT
HISTOPATHOLOGICAL CHANGES IN THE RESPIRATORY TRACT OF

2029175725

RATS EXPOSED TO THE MAINSTREAM AND FRESH SIDESTREAM
SMOKE OF THE TEST CIGARETTES 11 AND 13, THE NITRATE
CONCENTRATIONS IN THE FILLER BEING DIFFERENT, AND THE
STANDARD REFERENCE CIGARETTE 2R1,
21-DAY INHALATION STUDY
MKA ATE 13-APR-89

5186 500
ESTABLISHMENT OF CULTURE PERIODS FOR THE DETERMINATION
OF THE CA AND SCE FREQUENCIES IN PRIMARY RNE AND RTE
CELLS DERIVED FROM 8- TO 9-WEEK OLD SPRAGUE DAWLEY RATS

DBA WSL 12-MAY-89

3148 500 PT
BIOLOGICAL ACTIVITY OF GLYCEROL AND PROPYLENE GLYCOL
AEROSOLS: 90-DAY INHALATION STUDY ON RATS

BGE HHM 24-MAY-89

3149 500 PT
THE BIOLOGICAL ACTIVITY OF THE FRESH AND ETS-LIKE
SIDESTREAM SMOKE OF THE STANDARD REFERENCE CIGARETTE
2R1, 21-DAY INHALATION STUDY ON RATS

MKA - 24-MAY-89

2179 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE RESEARCH CIGARETTES CALYPSO-1,
AREUSE-46, -53, AND -55 IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

FTE TME 16-JUN-89

2180 268
DETERMINATION OF TOBACCO-SPECIFIC N-NITROSAMINES AND
SELECTED POLYAROMATIC HYDROCARBONS IN THE MAINSTREAM
SMOKE OF 4 TEST CIGARETTES OF THE FTR PROJECT AREUSE 3
AND REFERENCE CIGARETTE C20

KRU PVO 16-JUN-89

3150 500 PT
HISTOPATHOLOGICAL CHANGES IN THE RESPIRATORY TRACT OF
RATS EXPOSED TO THE MAINSTREAM SMOKE OF THE TEST
CIGARETTES W3 AND F2 AND THE STANDARD REFERENCE
CIGARETTE 2R1F, 120-DAY HEAD-ONLY INHALATION STUDY

KHO ATE 06-JUL-89

2181 268 PT
BODY ODOR

BGE - 02-AUG-89

2182 268
TRANSFORMATION ASSAY USING C3H/10T1/2 MOUSE EMBRYO
FIBROBLASTS EXPOSED TO MWSC-I, 3-METHYLCHOLANTHRENE,
AND BENZO(A)PYRENE

WSL DBA 10-AUG-89

2029175726

3151 500 PT
MUTAGENICITY OF THE MAINSTREAM WHOLE SMOKE CONDENSATES
OF THE RESEARCH CIGARETTES X6D2DJV, X6D3AMD, X6D3MS,
X6D3MQ, X6D3QK, AND X6D3MU AND OF THE STANDARD
REFERENCE CIGARETTE 2R1 IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

FTE TME 04-SEP-89

3152 500
IN VITRO SISTER CHROMATID EXCHANGE AND CHROMOSOME
ABERRATION IN NASAL AND TRACHEAL EPITHELIAL CELLS
FOLLOWING IN VIVO EXPOSURE TO ETHYLNITROSOUREA AND
FORMALDEHYDE ACUTE/SUBACUTE STUDY ON RATS

DBA WSL 26-SEP-89

2183 268 PT
DETERMINATION OF THE ABILITY OF IMPREGNATED CIGARETTE
FILTER TO ABSORB NITROGENMONOXID

KRU - 11-OCT-89

5187 500
ESTABLISHMENT OF AN ASSAY FOR THE DETECTION OF
ACTIVATED RAS ONCOGENES

TMU - 17-OCT-89

3153 500 PT
MUTAGENICITY OF THE MAINSTREAM WHOLE SMOKE CONDENSATE
COLLECTED WITH A COOL TRAP OF THE TEST CIGARETTES 11,
12, 14, 13, X6D3MQ, AND X6D3DJV, AND THE STANDARD
REFERENCE CIGARETTE 2R1 IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

TME FTE 08-NOV-89

3154 500 PT
EPITHELIAL CELL TYPES LINING THE DORSAL SURFACE OF THE
BASE OF THE EPIGLOTTIS

ATE - 23-NOV-89

5188 500 PT
DETERMINATION OF THE pH AND BUFFER CAPACITY OF SAMPLES
OF GLYCEROL AEROSOLS

WST - 23-NOV-89

5189 500 PT
CAPILLARY GAS CHROMATOGRAPHIC METHOD TO DETERMINE
MALEIC HYDRAZIDE IN TOBACCO (METHOD DEVELOPMENT)

PVO - 24-NOV-89

5190 500 PT
IMAGE ANALYSIS METHOD TO LOCALIZE METAPHASES ON SLIDES
CONTAINING MONOLAYERS OF CHINESE HAMSTER EMBRYO LUNG
V79 CELLS (METHOD DEVELOPMENT)

KHO - 19-DEC-89

2029175727

5191 500 PT
IMAGE ANALYSIS METHOD TO DETERMINE THE EXTENT OF LUNG
EMPHYSEMA IN RATS (METHOD DEVELOPMENT)

KHO - 19-DEC-89

5192 268
ESTABLISHMENT OF AUTOMATED SPECTROPHOTOMETRIC METHODS
FOR THE ASSESSMENT OF CYTOTOXICITY: NEUTRAL RED UPTAKE
AND KENACID BLUE ASSAYS

JOE MHE 25-JAN-90

5193 500 PT
CHARACTERIZATION OF THE CYTOKERATINS IN RAT NASAL AND
TRACHEAL (RNE, RTE) CELLS

WSL DBA 31-JAN-90

3155 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2898 ON RABBITS
FOLLOWING DERMAL APPLICATION

DKU - 07-FEB-90

3156 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2898 ON RABBITS
FOLLOWING APPLICATION ONTO THE EYE

DKU - 07-FEB-90

5194 500 PT
DETERMINATION OF THE CYTOCHROME P-450 CONCENTRATION IN
THE MICROSOMAL FRACTIONS OF RAT NASAL EPITHELIA AND
LUNGS - METHOD DEVELOPMENT

HHM - 16-FEB-90

3157 500
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE
RESEARCH CIGARETTES X6D0AMA, X6D0AMB, AND X6D0AMC,
90-DAY INHALATION STUDY ON RATS

PSN KRU 09-MAR-90

3158 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2911 ON RABBITS
FOLLOWING DERMAL APPLICATION

DKU - 04-APR-90

3159 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2911 ON RABBITS
FOLLOWING APPLICATION ONTO THE EYE

DKU - 04-APR-90

3160 500
ACUTE TOXICITY OF CR-2911 IN RATS, INCLUDING LD50
DETERMINATION, FOLLOWING A SINGLE ORAL ADMINISTRATION

2029175728

DKU - 04-APR-90

3161 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2910 ON RABBITS
FOLLOWING DERMAL APPLICATION

DKU - 10-APR-90

3162 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2910 ON RABBITS
FOLLOWING APPLICATION ONTO THE EYE

DKU - 10-APR-90

3163 500
ACUTE IRRITANCY/CORROSIVITY OF CR-2910, INCLUDING LD50
DETERMINATION, FOLLOWING A SINGLE ORAL ADMINISTRATION

DKU - 10-APR-90

5195 500
MORPHOLOGICAL TRANSFORMATION OF 3-MCA-INITIATED 10T1/2
CELLS EXPOSED TO CSC IN A 2-STAGE CELL TRANSFORMATION
ASSAY

WSL DBA 24-APR-90

2185 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM WHOLE
SMOKE CONDENSATES OF THE RESEARCH CIGARETTES
ZAMBEZI-MLZ AND ZAMBEZI-11 IN THE SALMONELLA
TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 10-MAY-90

5197 500
APPLICABILITY OF THE ALKALINE ELUTION TECHNIQUE FOR THE
DISCRIMINATION OF THE GENOTOXIC EFFECTS INDUCED IN
VITRO BY TEST CIGARETTES OF DIFFERENT BLENDS

TMU - 16-MAY-90

5196 500
APPLICATION OF THE ALKALINE ELUTION TECHNIQUE TO
DISCRIMINATE BETWEEN GENOTOXIC EFFECTS INDUCED BY TEST
CIGARETTES WITH DIFFERENT BLENDS - INTRODUCTION

TMU - 16-MAY-90

2184 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF THE RESEARCH CIGARETTES ZAMBEZI-MLZ AND -11,
ACUTE IN VITRO EXPOSURE STUDY USING CHINESE HAMSTER
EMBRYO LUNG V79 CELLS

MHE JOE 16-MAY-90

3164 500
ACUTE TOXICITY OF CR-2898 IN RATS, INCLUDING LD50
DETERMINATION, FOLLOWING A SINGLE ORAL ADMINISTRATION

2029175729

DKU - 22-MAY-90

5198 500 PT
ESTABLISHMENT OF AN IMMUNOFLUORESCENCE ASSAY FOR CELL
PROLIFERATION PART 1: INTRODUCTION

RKI W GK 01-JUN-90

5199 500 PT
THE MICROSUSPENSION ASSAY: INTRODUCTION

FTE TME 12-JUN-90

5200 500 PT
THE MICROSUSPENSION ASSAY: DOSE-RANGE FINDING

FTE TME 12-JUN-90

5201 500 PT
EVALUATION OF MUTAGENICITY DATA ON WHOLE SMOKE
CONDENSATES IN THE SALMONELLA REVERSE MUTATION ASSAY
USING THE PROPOSED STATISTICAL PROCEDURE

TME WGO 15-JUN-90

5202 500
SCREENING OF SERUM TO BE USED IN CELL TRANSFORMATION
ASSAYS USING C3H/10T1/2 CELLS

WSL DBA 15-JUN-90

3165 500
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE
RESEARCH CIGARETTES X6D0CRN, X6D0CRO, X6D0CRP, X6D0CRQ,
X6D0CRR, AND X6D0CRS, 90-DAY INHALATION STUDY ON RATS

MKA - 23-JUL-90

5203 500 PT
ESTABLISHMENT OF AN IMMUNOFLUORESCENCE ASSAY FOR CELL
PROLIFERATION ASSAY IN VITRO PART 2: TECHNIQUES

RKI W GK 24-JUL-90

5204 500 PT
DETERMINATION OF NICOTINE RACEMIZATION IN MAINSTREAM
SMOKE DURING THE SMOKING PROCESS

PVO KRU 08-AUG-90

5205 500 PT
ESTABLISHMENT OF AN IMMUNOFLUORESCENCE ASSAY FOR CELL
PROLIFERATION IN VITRO PART 3: REFERENCE COMPOUNDS

RKI W GK 07-SEP-90

2186 268
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM SMOKE
CONDENSATES OF THE RESEARCH CIGARETTES TITAN-1 AND
TITAN-2 IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100

FTE TME 07-SEP-90

2029175730

3166 500 PT
SOMATOSENSORY ASSAYS

UHA - 12-SEP-90

5206 500
OPTIMIZATION OF SMOKING CONDITIONS AND ANALYTICAL DATA
OF MAINSTREAM SMOKE OF THE SIGMA ARTICLE

PSN PVO 18-SEP-90

2187 268 PT
ALDEHYDE, N-NITROSAMINE, AND POLYCYCLIC AROMATIC
HYDROCARBON DELIVERIES OF THE RESEARCH CIGARETTES
ZAMBEZI-MLZ AND -11, MWS

KRU PVO 18-SEP-90

5207 500 PT
THE MICROSUSPENSION ASSAY: DISCRIMINATION OF CIGARETTE
TYPES

FTE TME 20-SEP-90

5208 500 PT
THE MICROSUSPENSION ASSAY: CHARACTERIZATION BY MODEL
SUBSTANCES

FTE TME 21-SEP-90

3167 500 PT
CIGARETTE STORAGE, SHIPMENTS, AND ACCOUNT

PSN KSA 21-SEP-90

2188 268
CYTOTOXICITY OF THE DILUTED MAINSTREAM AND SIDESTREAM
WHOLE SMOKE OF RESEARCH CIGARETTE TYPES TITAN-1 AND -2,
ACUTE IN VITRO EXPOSURE STUDY USING CHINESE HAMSTER
EMBRYO LUNG V79 CELLS

MHE JOE 24-SEP-90

3168 500
DETERMINATION OF THE CONCENTRATIONS OF TSNA IN THE
FILLER SAMPLES 9R20 AND 9T20

KRU - 24-SEP-90

3169 500 PT
BIOLOGICAL ACTIVITY OF CONDITIONED AND FRESH SIDESTREAM
SMOKE OF THE STANDARD REFERENCE CIGARETTE 2R1, 90-DAY
INHALATION STUDY ON RATS

WST - 02-OCT-90

5209 500 PT
IMPROVEMENT OF THE TRANSFORMATION RESPONSE IN THE
2-STAGE TRANSFORMATION ASSAY USING 3-MCA-INITIATED
10T1/2 CELLS EXPOSED TO CSC AND TPA

WSL DBA 05-NOV-90

2029175731

5210 500 PT
ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF
LIPID PEROXIDATION IN CELL MEMBRANE

PKU - 26-NOV-90

5211 500 PT
ESTABLISHMENT OF AN IN VITRO ASSAY FOR THE
DETERMINATION OF PROTEIN KINASE C ACTIVITY

PKU - 07-DEC-90

5212 500 PT
ARE TUMOR PROMOTERS DETECTABLE BY THE TRANSIENT
EXPRESSION OF NUCLEAR PROTOONCOGENES?

TMU - 17-DEC-90

5213 500 PT
MECHANISTIC ASPECTS OF SMOKE-BUBBLED PBS-MEDIATED DNA
STRAND BREAKS IN V79 CELLS

TMU - 10-JAN-91

5214 500
EVALUATION OF MUTAGENICITY DATA - ANALYSIS OF CRITICAL
POINTS

FTE - 10-JAN-91

5215 500 PT
CHARACTERIZATION OF THE CHEMICAL SOMATOSENSORY
PERCEPTION

MKA - 22-JAN-91

3170 500
DETERMINATION OF TSNA CONCENTRATIONS IN 5 FILLER TYPES
AT 3 DIFFERENT TIME POINTS

KRU - 04-FEB-91

3300 500 PT
CO-OPERATION WITH CRC

ERO - 22-FEB-91

2900 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF THE RESEARCH CIGARETTE TYPES TITAN-1 AND -2,
ACUTE IN VITRO EXPOSURE STUDY USING CHINESE HAMSTER
EMBRYO LUNG V79 CELLS

MHE JOE 27-FEB-91

5216 500 PT
SUITABILITY OF THE CHICK CHORIOALLANTOIC MEMBRANE (CAM)
ASSAY FOR THE DETERMINATION OF THE BIOLOGICAL ACTIVITY
OF SMOKE AND SMOKE-RELATED MATERIAL

WSL DBA 15-MAR-91

2029175732

3171 500
DISCRIMINATION OF MAINSTREAM WHOLE SMOKE CONDENSATE
COLLECTED WITH IMPACTION TRAP OF THE STANDARD REFERENCE
CIGARETTE 2R1F AND THE RESEARCH CIGARETTE X6D3DAM IN
THE 2-STAGE TRANSFORMATION ASSAY USING 10T1/2 CELLS

WSL DBA 15-MAR-91

5217 500 PT
DETERMINATION OF THE NUMBER OF CELLS IN RAT TISSUES BY
HYBRIDISATION OF GENOMIC DNA WITH A HIGHLY REPETITIVE
DNA FRAGMENT

PKU - 02-MAY-91

3172 500 PT
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM SMOKE
CONDENSATES OF THE RESEARCH CIGARETTES X6D0CRN,
X6D0CRO, X6D0CRP, X6D0CRQ, X6D0CRR, AND X6D0CRS IN THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100 USING THE
MICROSUSPENSION ASSAY

FTE TME 28-MAY-91

5221 500
IMPROVEMENT OF SLIDE PREPARATION FOR MICRONUCLEUS
ANALYSIS IN RAT BONE MARROW

DBA WSL 28-MAY-91

5220 500 PT
MUTAGENICITY OF TPM OF CONDITIONED AND FRESH SIDESTREAM
SMOKE OF THE STANDARD REFERENCE CIGARETTE 2R1 IN THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100 USING THE
MICROSUSPENSION ASSAY

FTE TME 04-JUL-91

5222 268
CYTOTOXICITY OF DILUTED MAINSTREAM AND SIDESTREAM WHOLE
SMOKE OF THE RESEARCH CIGARETTE TYPES AREUSE-OB, -31,
-28, AND -45, ACUTE IN VITRO EXPOSURE STUDY USING
CHINESE HAMSTER EMBRYO LUNG V79 CELLS,
PILOT STUDY TO P 0268/2173
MHE JOE 09-JUL-91

5223 500 PT
ANALYSIS OF POLYCYCLIC AROMATIC HYDROCARBONS,

NITROSAMINES, HEAVY METALS, AND FINGERPRINTS IN FRESH
AND CONDITIONED SIDESTREAM SMOKE OF THE STANDARD
REFERENCE CIGARETTE 2R1

PVO KRU 22-JUL-91

5226 500
CELL PROLIFERATION IN THE RESPIRATORY TRACT OF THE RAT
AFTER SUBCHRONIC INHALATIVE EXPOSURE TO FRESH AND
CONDITIONED SIDESTREAM SMOKE OF THE STANDARD REFERENCE
CIGARETTE 2R1

RKI - 29-JUL-91

2029175733

5225 500 PT
DETERMINATION OF GLUTATHIONE IN NOSE AND LUNG OF THE
RAT AFTER SUBCHRONIC (90 DAYS) INHALATIVE EXPOSURE TO
FRESH AND CONDITIONED SIDESTREAM SMOKE OF THE STANDARD
REFERENCE CIGARETTE 2R1

PKU - 29-JUL-91

5224 500 PT
INFLUENCE OF AGING AND CONTACT WITH SURFACE MATERIALS
ON THE COMPOSITION OF FRESH SIDESTREAM SMOKE

WST PVO 29-JUL-91

5228 268 PT
DETERMINATION OF NICOTINE AND SELECTED NITROSAMINES,
ADSORBED ON MATERIALS EXPOSED TO SIDESTREAM

KRU BGE 02-AUG-91

5219 500 PT
PRODUCTION OF INDUCED ENZYME FRACTIONS FOR METABOLIC
ACTIVATION IN IN VITRO TESTS

FTE TME 06-AUG-91

5229 500
MUTAGENICITY OF TPM SAMPLES OF SERIES A, B, AND 2R1 IN
THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 15-AUG-91

5230 500 PT
MAINSTREAM SMOKE ANALYSES AND CONDENSATE PREPARATION OF
THE SIGMA ARTICLE

PVO KRU 20-AUG-91

3173 500 PT
ACUTE TOXICITY OF CR2707 IN RATS, INCLUDING LD50
DETERMINATION, FOLLOWING A SINGLE ORAL ADMINISTRATION

DKU - 21-AUG-91

3174 500 PT
ACUTE IRRITANCY/CORROSIVITY OF CR2707 ON RABBITS
FOLLOWING APPLICATION ONTO THE EYE

DKU - 21-AUG-91

3175 500 PT
ACUTE IRRITANCY/CORROSIVITY OF CR2707 ON RABBITS
FOLLOWING DERMAL APPLICATION

DKU - 21-AUG-91

3176 500 PT
ACUTE TOXICITY OF CR-2964 IN RATS, INCLUDING LD50
DETERMINATION, FOLLOWING A SINGLE ORAL ADMINISTRATION

DKU - 21-AUG-91

2029175734

3177 500 PT
ACUTE IRRITANCY/CORROSIVITY OF CR-2964 ON RABBITS
FOLLOWING APPLICATION ONTO THE EYE

DKU - 21-AUG-91

3178 500 PT
ACUTE IRRITANCY/CORROSIVITY OF CR-2964 ON RABBITS
FOLLOWING DERMAL APPLICATION

DKU - 21-AUG-91

5232 500
SEROLOGICAL SURVEILLANCE OF RATS (SEROLOGISCHE
UEBERPRUEFUNG VON RATTEN)

FTE 10-SEP-91

5231 500
PATHOLOGICAL EXAMINATION OF THE HEALTH CHECK RATS ON
ARRIVAL

ATE - 10-SEP-91

5233 500 PT
REVIEW OF STATISTICAL PROCEDURES USED IN BIOLOGICAL
STUDIES

WGO - 01-OCT-91

5234 500
MUTAGENICITY OF TPM SAMPLES OF SERIES DP20:2, EP27:2,
FP10:1, AND G2R1F IN THE SALMONELLA TYPHIMURIUM STRAINS
TA98 AND TA100

TME FTE 06-NOV-91

5235 500
CONDITIONING AND SMOKING PROCEDURES OF SIGMA ARTICLES
AND STANDARD REFERENCE CIGARETTE 1R4F FOR A PLANNED
90-DAY INHALATION STUDY

PSN WST 12-NOV-91

5236 500 PT
MUTAGENICITY OF 2,2-DICHLORO-1,1,1-TRIFLUORETHANE
(HCFC-123) IN THE SALMONELLA TYPHIMURIUM STRAINS TA98
AND TA100

FTE TME 21-NOV-91

5237 500 PT
CHEMICAL ANALYSES OF SMOKE BUBBLED PBS

PVO KRU 27-NOV-91

2189 268 PT
INFLUENCE OF SELECTED AMINO ACIDS ON THE MUTAGENICITY
OF CIGARETTE SMOKE CONDENSATE

FTE TME 02-DEC-91

2029175735

3179 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE
SIGMA SMOKING ARTICLE AND THE STANDARD REFERENCE
CIGARETTE 1R4F, 90-DAY INHALATION STUDY ON RATS

PSN ATE 12-DEC-91

3180 500 PT
MUTAGENICITY OF THE MAINSTREAM SMOKE OF THE RESEARCH
CIGARETTES X6D0CRN AND X6D0CRQ IN THE SALMONELLA
TYPHIMURIUM STRAINS TA98 AND TA100 USING THE
MICROSUSPENSION ASSAY

FTE TME 16-JAN-92

3181 500 PT
MUTAGENICITY OF THE MAINSTREAM OF THE SIGMA SMOKING
ARTICLE AND THE 1R4F IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

FTE TME 21-JAN-92

5238 500 PT
IMPROVEMENT AND OPTIMIZATION OF VARIOUS ANALYTICAL
METHODS

PVO BGE 21-JAN-92

3182 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE CAST
LEAF TEST CIGARETTES CONTAINING GUAR, 90-DAY INHALATION
ON RATS

WST ATE 17-FEB-92

3183 500 PT
ANALYTICAL INVESTIGATIONS OF THE MAINSTREAM SMOKE OF
RESEARCH CIGARETTES CRN AND CRQ

WST KRU 17-FEB-92

5240 500 PT
ESTABLISHMENT OF A MICROSCOPIC MICRONUCLEUS ASSAY IN
VITRO

DVE RKI 19-FEB-92

5241 500 PT
ANALYSIS OF DIFFERENTIAL CYTOKERATIN EXPRESSION IN RAT
NASAL AND TRACHEAL EPITHELIAL CELLS USING 1-DIMENSIONAL
SDS-ELECTROPHORESIS AND IMMUNOBLOTTING

WSL DBA 06-MAR-92

3184 500
IN VITRO CYTOTOXICITY OF THE MAINSTREAM WHOLE SMOKE OF
THE RESEARCH CIGARETTE TYPES X6D0CRN AND X6D0CRQ WITH
AND WITHOUT FILTER MODIFICATIONS, NEUTRAL RED UPTAKE
ASSAY USING MOUSE EMBRYO BALB/c 3T3 CELLS

JOE MHE 18-MAR-92

3185 500 PT

2029175736

DISCRIMINATION OF MWSC-I FROM 3 DIFFERENT CIGARETTES IN
THE 2-STAGE TRANSFORMATION ASSAY USING 10T1/2 CELLS

WSL DBA 18-MAR-92

5242 500 PT
ESTABLISHMENT OF TRANSFORMED MAMMALIAN CELL LINES
CONSTITUTIVELY EXPRESSING CATALASE

SGE TMU 02-APR-92

2190 268 PT
NICOTINE ACCUMULATION IN HAIR

BGE PVO 08-APR-92

3186 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE TEST
CIGARETTES HW1-CA, HW2-CA, HW1-CC, HW2-CC, AND NW-CA,
21-DAY INHALATION STUDY ON RATS

DBA WST 27-APR-92

5243 500
CYTOTOXICITY OF THE MAINSTREAM WHOLE SMOKE OF THE
RESEARCH CIGARETTE TYPES AREUSE-OB, -31, -28, AND -45
AS WELL AS GLYCEROL AND TRIETHYLENEGLYCOL-SPIKED
AREUSE-31 CIGARETTES, NEUTRAL RED UPTAKE ASSAY USING
MOUSE EMBRYO BALB/c 3T3 CELLS

JOE MHE 29-APR-92

3187 500
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE
RESEARCH CIGARETTES X6D2BNF, X6D2BNG, AND X6D2BNH
CONTAINING DIFFERENT AMOUNTS OF CR-2978 IN THE PAPER,
90-DAY INHALATION STUDY ON RATS

WST DBA 29-APR-92

3188 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF HANDMADE
AND MACHINE MADE CIGARETTES IN THE SALMONELLA
TYPHIMURIUM STRAIN TA98

FTE TME 21-MAY-92

3189 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF
CIGARETTES CONTAINING ELECTRODIALYZED TOBACCO SOLUBLES
IN THE SALMONELLA TYPHIMURIUM STRAIN TA98

FTE TME 21-MAY-92

5244 268 PT
APPLICATION OF THE ALKALINE ELUTION TECHNIQUE FOR THE
DISCRIMINATION OF SMOKE-BUBBLED PBS OF RESEARCH
CIGARETTE TYPES

MHE JOE 02-JUN-92

5245 268 PT
ESTABLISHMENT OF THE MUTAGENICITY DETERMINATION USING

2029175737

THE NEW SALMONELLA TYPHIMURIUM TESTER STRAINS YG1021,
YG1024, YG1026, AND YG1029

FTE TME 16-JUN-92

5246 268 PT
INVESTIGATIONS OF THE INDUCIBILITY OF MICRONUCLEI IN
V79 CELLS IN VITRO BY CIGARETTE SMOKE

DVE - 24-JUN-92

5247 500 PT
IDENTIFICATION OF A 33kDa PROTEIN, EXPRESSED IN
MAMMALIAN CELLS AFTER EXPOSURE TO SMOKE BUBBLED PBS
(sbPBS)

SGE TMU 17-JUL-92

3190 500 PT
IN VITRO CYTOTOXICITY OF VARIOUS MAINSTREAM WHOLE SMOKE
FRACTIONS AND THE RECOMBINATION OF 3 MAINSTREAM WHOLE
SMOKE FRACTIONS OF THE RESEARCH CIGARETTE TYPES
X5D2BVI, X5D2BVJ, X5D2BVK, AND X5D2BVL NEUTRAL RED
UPTAKE ASSAY AND KENACID BLUE ASSAY USING
MOUSE EMBRYO BALB/c 3T3 CELLS
MHE JOE 22-JUL-92

3192 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF THE
RESEARCH CIGARETTES X5D2BVI, X5D2BVJ, X5D2BVK, AND
X5D2BVL IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100

FTE TME 24-JUL-92

3191 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF 30
RESEARCH CIGARETTES WITH DIFFERENCES IN SEVERAL
PARAMETERS IN THE SALMONELLA TYPHIMURIUM STRAIN TA98

FTE TME 24-JUL-92

3193 500 PT
MUTAGENICITY OF AQUEOUS AND ETHANOLIC SPARGATE EXTRACTS
IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 28-JUL-92

5248 500 PT
FLOW CYTOMETRIC INVESTIGATION OF THE EFFECTS OF
CIGARETTE SMOKE ON CELL PROLIFERATION IN VITRO

RKI DVE 28-JUL-92

3080 500 PT
ETS LIFETIME INHALATION STUDY

WST DBA 26-AUG-92

3195 500 PT
LUNG CLEARANCE AFTER INHALATION OF CONDITIONED
SIDESTREAM SMOKE OF THE STANDARD REFERENCE CIGARETTE
1R4F SUBCHRONIC INHALATION STUDY ON RATS

2029175738

DVE ATE 07-OCT-92

5249 500
2-STAGE TRANSFORMATION ASSAY USING 10T1/2 CELLS,
MODIFIED ASSAY PROTOCOL

WSL DBA 08-OCT-92

5250 500 PT
ISOLATION OF HEMEOXYGENASE cDNAS FROM MURINE AND RAT
CELLS

TMU - 09-OCT-92

5251 500 PT
DETERMINATION OF SOLANESOL, 3-ETHENYLPYRIDINE, SELECTED
AROMATIC AMINES, AND NITRO PAHS (METHOD DEVELOPMENT)

PVO KRU 13-OCT-92

3196 500
IN VITRO CYTOTOXICITY OF MAINSTREAM WHOLE SMOKE
CONDENSATE OF 30 TEST CIGARETTE TYPES WITH DIFFERENCES
IN 6 PARAMETERS, NEUTRAL RED UPTAKE ASSAY USING MOUSE
EMBRYO BALB/c 3T3 CELLS

MHE JOE 27-OCT-92

5252 500 PT
TANDEM QUADROPOLE MASS SPECTROSCOPY: INSTALLATION AND
TRAINING PERIOD

PVO RFR 29-OCT-92

5253 268 PT
SURVEY OF REFERENCE DATA OF THE SALMONELLA REVERSE
MUTATION ASSAY

TME FTE 12-NOV-92

6541 500 PT
INDUCTION OF HEME OXYGENASE EXPRESSION BY CIGARETTE
SMOKE DOES NOT INVOLVE FREE OXYGEN RADICALS

TMU - 03-DEC-92

3197 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE TEST
CIGARETTE URSUS-35 AND THE STANDARD REFERENCE CIGARETTE
1R4F, 90-DAY INHALATION STUDY ON RATS

DBA PSN 05-JAN-93

5256 500 PT
MUTAGENICITY OF TPM OF THE URSUS SMOKING DEVICE IN THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE - 08-JAN-93

3198 500 PT
MUTAGENICITY OF THE MAINSTREAM SMOKE CONDENSATE OF THE
RESEARCH CIGARETTES X6D2EYL, X6D2EYM, X6D2EYN, AND

2029175739

X6D2EYO IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100

TME FTE 08-JAN-93

5257 268 PT
DEVELOPMENT OF A METHOD TO DETERMINE THE INHIBITION OF
GAP JUNCTIONAL INTERCELLULAR COMMUNICATION (END POINT:
DYE TRANSFER)

WSL DBA 12-JAN-93

3199 500 PT
THE ELECTROPHYSIOLOGICAL AND SUBJECTIVE EFFECTS OF
CIGARETTES WITH ADDED NORNICOTINE IN HUMANS

FGU - 18-JAN-93

3200 500 PT
BODY WEIGHT DEVELOPMENT, LONGEVITY, AND SPONTANEOUS
TUMOR RATE IN UNTREATED WISTAR RATS
(KOERPERGEWICHTSENTWICKLUNG, LEBENSERWARTUNG UND
SPONTANE TUMORRATE AN UNBEHANDELTEN WISTAR-RATTEN)

DKU KBE 01-MAR-93

5259 500 PT
ESTABLISHMENT OF A METHOD FOR THE DETERMINATION OF
8-HYDROXYDEOXYGUANOSINE

PKU - 11-MAR-93

3201 500 PT
MAINSTREAM SMOKE ANALYSIS OF THE TEST CIGARETTE URSUS

PVO PSN 23-MAR-93

3202 500 PT
THE INFLUENCE OF SIDESTREAM SMOKE OF THE STANDARD
REFERENCE CIGARETTE 2R1F ON ARTERIAL LIPID DEPOSITION
IN HYPERCHOLESTEROLEMIC RABBITS 10-WEEK INHALATION
STUDY

KBE ATE 26-APR-93

6543 268 PT
NICOTINE ACCUMULATION IN PIGMENTED AND UNPIGMENTED RAT
HAIR

BGE PVO 12-MAY-93

3203 500 PT
THE SUBJECTIVE AND ELECTROPHYSIOLOGICAL EFFECTS OF
SMOKING CIGARETTES WITH CONSTANT TAR BUT VARYING
NICOTINE LEVELS

FGU - 24-MAY-93

6544 500 PT
APPARENT ACTIVATION OF THE c-fos GENE IN SWISS 3T3
CELLS EXPOSED TO AQUEOUS CIGARETTE SMOKE FRACTIONS

2029175740

TMU - 09-JUN-93

3204 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE TEST
CIGARETTE URSUS-35 AND THE STANDARD REFERENCE CIGARETTE
1R4F, 21-DAY INHALATION STUDY ON RATS

DBA PSN 17-JUN-93

5261 500 PT
SEROLOGISCHE UND ZYTOTETRISCHE UEBERPRUEFUNG VON RATTEN

FTE - 01-JUL-93

5263 500 PT
PREPARATION OF VALERIAN TINCTURA AND PRELIMINARY
MUTAGENICITY DETERMINATION

TME FTE 07-JUL-93

5262 500 PT
GENERATION OF A NICOTINE-SPECIFIC ANTIBODY BY USING A
RECOMBINANT PHAGE SYSTEM

SGE GSE 07-JUL-93

3205 500 PT
MUTAGENICITY OF AN EXTRACT OF ROOTS OF VALERIANA
OFFICINALIS IN SALMONELLA TYPHIMURIUM STRAINS TA98,
TA100, TA1535, AND TA1537

TME FTE 15-JUL-93

3206 500
IN VITRO CYTOTOXICITY OF MAINSTREAM SMOKE TOTAL
PARTICULATE MATTER AND/OR MAINSTREAM SMOKE GAS/VAPOR
PHASE OF THE TEST CIGARETTES URSUS-35, -59, AND THE
STANDARD REFERENCE CIGARETTE 1R4F NEUTRAL RED UPTAKE
ASSAY AND KENACID BLUE ASSAY USING
MOUSE EMBRYO BALB/c 3T3 CELLS
MHE JOE 15-JUL-93

3207 500 PT
MUTAGENICITY OF TPM OF THE TEST CIGARETTES URSUS-35 AND
-59 IN THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND
TA100 (MUTAGENITAET VON TPM DER TESTZIGARETTEN URSUS-35
UND -59 IN DEN SALMONELLA TYPHIMURIUM-TESTSTAEMMEN TA98
UND
TA100)
FTE TME 15-JUL-93

5264 500 PT
ESTABLISHMENT OF A COUNTER FLOW CENTRIFUGAL ELUTRIATION
TECHNIQUE

DVE WGK 11-AUG-93

5265 500 PT
ESTABLISHMENT OF A METHOD FOR QUANTITATIVE RECOVERY OF
PARAMAGNETIC BEADS FROM RAT FECES USING 'MAGNETIC CELL
SEPARATION' (MACS)

2029175741

104
DVE W GK 11-AUG-93

5266 268 PT
ESTIMATION OF THE SURFACE AREA OF INDUCED
ARTERIOSCLEROTIC LESIONS IN THE AORTA AND PULMONARY
ARTERIES, LIPID DETERMINATION IN BLOOD, AND
CORTICOSTEROID DETERMINATIONS IN SERUM, URINE, AND
ADRENALS OF HYPERCHOLESTEREMIC RABBITS

KBE ATE 11-AUG-93

3208 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF THE
RESEARCH CIGARETTES X6D3BGT, X6D3BGU, X6D3BGV, AND
X6D3BGW THE PROJECT 'CAST LEAF' IN THE SALMONELLA
TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 18-AUG-93

3210 500 PT
MUTAGENICITY OF THE MAINSTREAM AND SIDESTREAM SMOKE
CONDENSATES OF THE RESEARCH CIGARETTES X6D3CMX,
X6D3CMY, X6D3CMZ, X6D3CNA, X6D3CNB, X6D3CNC, X6D3CND,
X6D3CNE, AND X6D3CNF IN THE SALMONELLA TYPHIMURIUM
STRAINS TA98 AND TA100

FTE TME 18-AUG-93

3209 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF 5
RESEARCH CIGARETTES OF THE PROJECT 'NYLAR' IN THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 18-AUG-93

3211 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF THE
RESEARCH CIGARETTES X6D3BRS AND X6D3BRT IN THE
SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 19-AUG-93

5267 500 PT
MAINSTREAM SMOKE ANALYSIS OF THE TEST CIGARETTES OF THE
CAST LEAF PROJECT

KRU PVO 31-AUG-93

3212 500 PT
MUTAGENICITY OF TPM OF THE TEST CIGARETTE URSUS-59 IN
THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

TME FTE 06-SEP-93

3213 500 PT
BIOLOGICAL ACTIVITY OF THE MAINSTREAM SMOKE OF THE TEST
CIGARETTE URSUS-59 AND THE STANDARD REFERENCE CIGARETTE
1R4F, 90-DAY INHALATION STUDY ON RATS

PSN DBA 14-SEP-93

5268 500 PT
ESTABLISHMENT OF AN IMMUNOFLUORESCENCE DOUBLE LABELING

TECHNIQUE FOR FLOW CYTOMETRIC DIFFERENTIATION OF RAT
LEUKOCYTES

WGK DVE 23-SEP-93

3214 500 PT
DETERMINATION OF THE DISTRIBUTION OF SELECTED SMOKE
COMPONENTS BETWEEN GAS- AND PARTICLE PHASE

KRU PVO 13-OCT-93

5269 500 PT
ESTABLISHMENT OF METHODS FOR THE DETERMINATION OF
4-AMINOBIIPHENYL, HYDRAZINE, AND 1- AND 2-NAPHTHYLAMINE
IN CIGARETTE SMOKE

KRU PVO 13-OCT-93

5270 500 PT
DETERMINATION OF DNA-ADDUCTS AND BOMBESIN-LIKE PEPTIDES
USING MASS SPECTROMETRY

RFR PVO 20-OCT-93

3146.056 500 PT
SYSTEMIC NICOTINE UPTAKE IN RAT HAIRS (BIOKINETIK UND
METABOLISMUS VON NICOTIN BEI RATTEN UND HAMSTERN:
SYSTEMISCHE NICOTINAUFNAHME IM RATTENHAAR)

BGE - 21-OCT-93

3215 500 PT
IN VITRO CYTOTOXICITY OF THE MAINSTREAM TOTAL
PARTICULATE MATTER AND/OR MAINSTREAM GAS/VAPOR PHASE OF
THE RESEARCH CIGARETTES X6D3BGT, X6D3BGU, X6D3BVG, AND
X6D3BGW, NEUTRAL RED UPTAKE AND KENACID BLUE ASSAY
USING MOUSE
EMBRYO BALB/c CELLS
JOE HME 25-OCT-93

3216 500 PT
CHRONIC EFFECTS OF ROOM-AGED SIDESTREAM SMOKE OF
STANDARD REFERENCE CIGARETTE 1R4F, 18-MONTH INHALATION
STUDY ON RATS

WST FTE 19-NOV-93

5271 500 PT
DEVELOPMENT OF IMMUNOHISTOCHEMICAL METHODS FOR THE
DETECTION OF CYTOKERATINS IN THE RAT RESPIRATORY TRACT

WSL ATE 25-NOV-93

5272 500 PT
COMPARISON OF DIFFERENT METHODS TO DETERMINE THE
PARTICLE SIZE DISTRIBUTION OF CIGARETTE SMOKE AEROSOLS

PSN - 21-DEC-93

6545 500 PT
ARYL HYDROCARBON HYDROXYLASE (AHH) ACTIVITY IN RAT

2029175743

LUNGS AFTER A 90-DAY INHALATION STUDY WITH FRESH AND
ROOM-AGED SIDESTREAM SMOKE

PKU HHM 21-DEC-93

5273 268 PT
IN VITRO CYTOTOXICITY OF MAINSTREAM TOTAL PARTICULATE
MATTER AND/OR MAINSTREAM GAS VAPOR PHASE OF THE
STANDARD REFERENCE CIGARETTE TYPE 1R4F NEUTRAL RED
UPTAKE AND KENACID BLUE ASSAYS USING VARIOUS MAMMALIAN
CELLS

MHE JOE 14-JAN-94

5274 500 PT
COMPARISON OF THE CYTOTOXICITY OF TPM, GAS PHASE-
BUBBLED PBS, AND THEIR COMBINATION DERIVED FROM FRESH
DIESEL EXHAUST AND FRESH 1R4F SIDESTREAM SMOKE

JOE MHE 14-JAN-94

5275 500 PT
MUTAGENICITY DETERMINATION OF DIESEL EXHAUST AND
SIDESTREAM SMOKE USING THE MICROSUSPENSION ASSAY

FTE TME 19-JAN-94

5276 500 PT
ESTABLISHMENT OF AN ASSAY/ASSAYS FOR THE DETECTION OF
MUTATIONS IN THE RAT p53 GENE

SGE TMU 04-FEB-94

5277 500 PT
ESTABLISHMENT OF AN IMMUNOHISTOLOGICAL METHOD FOR THE
ASSESSMENT OF CELL PROLIFERATION IN THE RAT RESPIRATORY
TRACT

KBE ATE 15-FEB-94

5278 500 PT
IS THE FORMATION OF PEROXYNITRITE FROM NO' AND O2 IN
SMOKE-BUBBLED PBS RESPONSIBLE FOR THE EXPRESSION OF
IMMEDIATE EARLY AND STRESS-RELATED GENES IN SMOKE-
BUBBLED PBS TREATED CELLS?

TMU - 02-MAR-94

5279 500 PT
CONDITIONS FOR DEE GENERATION AND SAMPLE COLLECTION

PSN - 28-MAR-94

3217 500 PT
MUTAGENICITY OF MAINSTREAM SMOKE CONDENSATE OF THE
RESEARCH CIGARETTES X6D2BNF, X6D2BNG, AND X6D2BNH IN
THE SALMONELLA TYPHIMURIUM STRAINS TA98 AND TA100

FTE TME 07-APR-94

1049 500
FIRST SKIN PAINTING, MOUSE CONDENSATE OF KENTUCKY
REFERENCE CIGARETTE 1R1 MICE STRAIN: CFLP (CARWORTH)

2029175744

EUROPE)

UHA

 1150 500
 SECOND SKIN PAINTING, MOUSE CONDENSATES OF CIGARETTES
 1R1, 2R1, AKZ AND ALB MICE STRAIN: CFLP (ANGLIA
 LABORATORY ANIMALS)

UHA

 21 268
 3.VORVERSUCH ZUR BESTIMMUNG DES LC50-WERTES VON
 ZIGARETTENRAUCH IM SUBAKUTEN RAUCHVERSUCH AN DER RATTE
 (ZIGARETTENSORTE:M21)

UHA RY

 21 268
 BESTIMMUNGEN DES LC50-WERTES VON RAUCH DER ZIGARETTEN-
 SORTE M 21 IM SUBAKUTEN VERSUCH (10 BERAUCHUNGSTAGE) AN
 DER RATTE

UHA RA

 21 268
 BESTIMMUNGEN DES LC50-WERTES VON RAUCH DER ZIGARETTEN-
 SORTE K 21 IM SUBAKUTEN VERSUCH (15 BERAUCHUNGSTAGE) AN
 DER RATTE

UHA RA

 21 268
 VERGLEICH DER ERGEBNISSE DER SUAKUTEN RAUCHVERSUCHE MIT
 DEN ZIGARETTTEN M 21 (FTR21d) UND K 21 (FTR21e) AN DER
 RATTE

UHA RA

 249 268
 ACUTE TOXICITY OF CIGARETTE SMOKE ON MICE

DRRS PE

 3068.01 500

 3073.1 500

 1013.4 500
 200-TAGE INHALATIONSVERSUCH AN RATTEN MIT C9-CIGARETTEN

WRE -

 3050.01 500

2029175745

108

3006.04

500

991 rows selected.

SQL> SPOOL OFF

2029175746